

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the parent application.

1-13. (Cancelled)

14. (Previously submitted) An apparatus for removing a selected portion of a semiconductor device so as to enable visualization of said device while its circuitry is electrically intact, comprising:

 a table for supporting a semiconductor device, said table being oscillatable in an X and a Y direction to define a plane and at preselected amplitudes in said X and Y directions;

 a floating head for rotating a chuck about a Z axis while applying a constant force along said Z axis, wherein said Z axis is perpendicular to said plane; and

 a tool having an axial surface configured for removing portions of said semiconductor device.

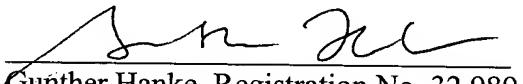
15. (Previously submitted) The apparatus of claim 14, wherein said amount of constant force that is applied along the Z axis is adjustable.

16. (Previously submitted) The apparatus of claim 15, further comprising an adjustable stop to prevent said constant force from being applied beyond a preselected position along said Z axis.

17. (Previously submitted) The apparatus of claim 14, wherein said amplitudes in said X and Y directions are adjustable.

18. (Previously submitted) The apparatus of claim 14, wherein said table is tiltable about said X and Y directions.

Respectfully submitted,
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